



Purpose



 Provide an Infantry perspective on tactical non-lethal requirements





The Enduring Infantry Mission



"Close with the enemy by means of fire and maneuver to defeat or capture him, or repel his assault by fire, close combat, and counterattack"





Agenda

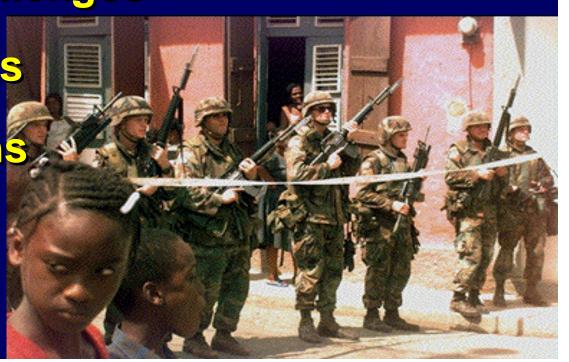


- The Infantry Mission
- Environmental Challenges
- Operational Challenges

Non-Lethal Tasks

Current Solutions

- Future Focus
- Conclusions





Core Tasks



- Be weather and terrain independent -- fight or operate anywhere
- Provide global reassurance, deterrence, and when necessary, enforce compliance with US interests and objectives
- Respond to any contingency mission:
 - - War / Combat
 - - *Stability Operations
 - *Support Operations
 - > * Can include "Hostile Fire"







Environmental Challenges



- Unrealistic to "assume away" civilians and non-combatants on today's battlefield - Often a key obstacle to mission success!
- Soldiers must be able to execute their missions in spite of, and/or operating in the midst of, civilian personnel
- Only acceptable option for U.S.
 Forces to deal with civilians is by ROE and non-lethal measures







Operational Challenges



- Meeting the demands across the conflict spectrum
 - Quickly transition from stability / support operations (peacekeeping / humanitarian assistance) to combat operations and back -- as required
 - •Minimize loss of life -- US/others -- and collateral damage





Future



 More Stability Operations and Support Operations

- Increased urbanization
- Increased interaction with noncombatants

"Future is Now"







Current Non-lethal Tasks



Six common tasks from CINC and Service
 Mission Need Statements serve as basic

building block.

KINETICS









- 1. Stop a Vehicle
- 2. Stop an Individual
- 3. Incapacitate Individual
- 4. Block/ Deny An Area
- 5. Neutralize Equipment
- 6. Neutralize A Crowd

Need solutions now, providing warfighter units means of operating in all environments with Non-lethal as well as lethal options.



Current Non-lethal Capabilities



- Today-- Have some solutions, however...
 - --- Limited to conditional use of Kinetic Munitions and RCAs (ie:CS and Pepper Spray)



Problem: Lack of materiel solutions and "consensus of use" limit Soldiers to using "basic tools" (threats, clubs, or lethal weapons)



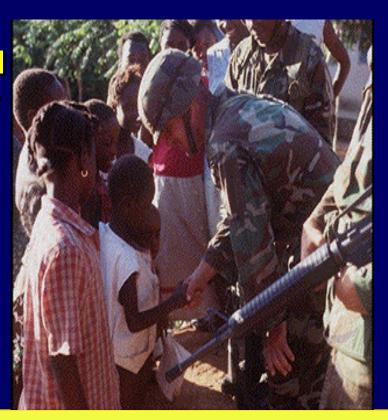
Current Requirements



Capability Sets:

 take Non-lethal from an individual response (riot batons and pepper spray)

 to a deployable "kit of capabilities" to allow unit / commanders to respond at tactical distances



Point: Must be down to unit / commander / leader / Soldier level to employ in accordance with ROE



ARMY/USMC MOUT ACTD

(Test Bed for Solutions)







- Personnel/Crowd Control
 - Incapacitate/Stop individuals
 - Distract/Stun Individuals
 - Seize Individuals
 - Control Crowds
- Vehicle NL Systems
 - Stop a Vehicle
 - Disarm/Neutralize Equipment & Vehicles
- Area/Building NL Systems
 - Deny an Area/Facility (Vehicles & Personnel)
 - Clear a Facility (Non-Combatants)
- Force Protection/Security

CRITERIA:

- **Adapt to Existing & Developmental Platforms**
- Standoff Range
- Light Weight / Man Portable
- Inflict Little or No Collateral Damage
- **No Permanent Injury to Individuals (Civilian or Friendly)**
- **Easy to Train/Use/Employ**
- Low Cost
- Safe for User
- Soldiers Maintain Lethal Capability



Future Focus







Integrate non-lethal and lethal systems to increase efficiency overall -- LW / OICW

RULE: No reduction in lethality/mobility



Conclusions





- Present Joint Non-lethal Program a good start -- long way to go!
- Army (& USMC) fully committed to effort -- must provide Soldiers on the ground the right tools to meet mission requirements
- Must focus on the Present and integrate into future systems

